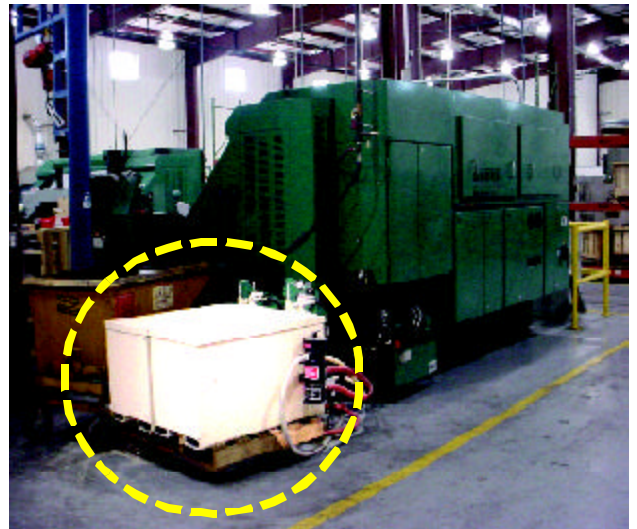


PRODUCTS FOR MACHINE TOOLS



The **CHIPS AWAY** high-pressure coolant delivery system from HILCO forces coolant through the machine tool, expelling chips from the bore hole or cutting surface. These chips are smaller and easier to manage than the larger spiral chips. This helps prevent chips from getting caught on chucks or wrapping around boring bars which requires machine shutdown and manual removal. The lower temperature and reduced friction leave your product with a better finish.

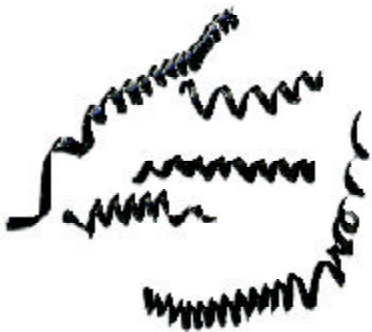
- **Reduced Cycle Time**
- **Longer Tool Life**
- **Eliminates Pecking Cycles**
- **Improves Finishes**
- **Prevents Damage from Heat**
- **Eliminates Recutting of Chips**
- **Enables Higher RPMs**
- **Reduced Coolant Purchases**



Typical CHIPS AWAY application

Why choose CHIPS AWAY?

- Quiet Operation
- Ability to Run Dry
- Consistent Pressure
- Built-in High-pressure Filter
- Reduced Vibration
- Multiple Models Available



Normal Chips



Using CHIPS AWAY

HILCO Coolant Recovery System



GS 200

The HILCO GS 200 is designed to recycle water-based machine tool coolants by removing metal fines and other particulate matter, as well as tramp oil. A pump pulls dirty coolant through a highly effective oil skimmer and then through a 10 micron pre-filter to remove metal fines and other particulate matter. The filtered coolant is then pumped through a coalescing cartridge to concentrate and release the free, unemulsified tramp oil and allow it to float to the top of the coalescing vessel. The clean coolant returns to the sump, while the tramp oil can be drained into a disposal vessel.

BENEFITS OF RECYCLING MACHINE COOLANT

- **Extended Tool Life**
- **Reduced Smoke and Oil Vapor**
- **Improved Product Quality**
- **Savings on Replacement Coolant**
- **Reduced Disposal Costs**
- **Eliminates Odor Due to Rancid Coolant**

Standard Equipment:

Filter Vessel
2 GPH Pump*
Gauges
Power Cord
Skimmer
Casters
Startup Cartridges

***6 GPH Pump Available**

Features & Benefits of HILCO GS 200:

- **Highly Efficient**
- **Portable**
- **Simple Operation**
- **Superior Quality**



PMT-1

The Hilliard Corporation
100 West Fourth Street
Elmira, New York 14902
www.hilliardcorp.com

Phone: 607-733-7121
Fax: 607-733-3009
E-mail: hilliard@hilliardcorp.com